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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/389,915	09/03/1999	LAWRENCE LAM	APLIP193/P23	6044
22434	7590	10/07/2003	EXAMINER	
BEYER WEAVER & THOMAS LLP P.O. BOX 778 BERKELEY, CA 94704-0778			CHIANG, YEAN HSIEH	
		ART UNIT	PAPER NUMBER	
		2835		

DATE MAILED: 10/07/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/389,915	LAM ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Yean-Hsi Chang	2835	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 25 August 2003.

2a) This action is FINAL.                    2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 1,2,4-49,81-105 and 109-119 is/are pending in the application.

4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5) Claim(s) 1,2,4-30,39-49,81-102 and 109-119 is/are allowed.

6) Claim(s) 31-38 and 103-105 is/are rejected.

7) Claim(s) \_\_\_\_\_ is/are objected to.

8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on 03 September 1999 is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) The proposed drawing correction filed on \_\_\_\_\_ is: a) approved b) disapproved by the Examiner.  
If approved, corrected drawings are required in reply to this Office action.

12) The oath or declaration is objected to by the Examiner.

#### Priority under 35 U.S.C. §§ 119 and 120

13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) All b) Some \* c) None of:  
1. Certified copies of the priority documents have been received.  
2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

14) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).  
a) The translation of the foreign language provisional application has been received.

15) Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

#### Attachment(s)

1)  Notice of References Cited (PTO-892)                    4)  Interview Summary (PTO-413) Paper No(s). 16 .

2)  Notice of Draftsperson's Patent Drawing Review (PTO-948)                    5)  Notice of Informal Patent Application (PTO-152)

3)  Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_.                    6)  Other: \_\_\_\_\_

## DETAILED ACTION

### ***Claim Objections***

1. Claims 115 and 117-119 are objected to because of the following informalities:  
Claims 115 and 117-119 depend from claim 46 which claims "a computer monitor" whereas claim 115 claims "The computer apparatus" and claims 117-119 claim "A portable computer". Appropriate correction is required.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 31, 33-34 and 103-104 are rejected under 35 U.S.C. 102(b) as being anticipated by Ohgami et al. (US 5,689,400).

Ohgami teaches a portable computer (1, fig. 1) comprising:

- A hinge (177, fig. 7) (claim 31)
- A base portion (2, fig. 1) including a processor (not shown; see col. 23, lines 14-17) (claim 31)

- A display portion (161, fig. 1) including at least an outer shell (162, fig. 1), a flat panel display (163, fig. 1) disposed inside said outer shell, and a frame (168 and 169, fig. 1) disposed inside said outer shell, and supporting said display portion with respect to said base portion by way of said hinge (claims 31, 33 and 103-104)
- The flat panel display is a Liquid Crystal Display (LCD) panel (see col. 16, lines 30-33) (claim 34)

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 32 and 36-38 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ohgami et al. in view of Lewis et al.

Ohgami discloses the claimed invention except a metal frame for the LCD panel and an EMI shield for the display apparatus.

Lewis teaches a display apparatus (50, fig. 5) comprising a metal frame (69, fig. 5) an Electro Magnetic Interference (EMI) shield (64, fig. 5) having a plurality of openings (not numbered).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the display portion of the computer of Ohgami with the metal frame and EMI shield taught by Lewis such that the electromagnetic interference can be reduced or eliminated (see col. 2, lines3-5).

6. Claim 35 is rejected under 35 U.S.C. 103(a) as being unpatentable over Ohgami et al. in view of Lewis et al.

Ohgami in view of Lewis discloses the claimed invention except for the portions of the housing made from a polycarbonate plastic material.

It would also been obvious to one having ordinary skill in the art at the time the invention was made to have portions of the housing made from a polycarbonate plastic material, since it has been held to be within the general skill of a worker in the art to select a known material on the basis of its suitability for the intended use as a matter of design choice for the purpose of having a housing with translucent portions such that the logo design inside the housing can be seen from outside. See MPEP §2144.07.

***Allowable Subject Matter***

7. Claims 1-2, 4-30, 39-49, 81-102 and 109-119 are allowed.
8. The following is a statement of reasons for the indication of allowable subject matter: The best prior art of record, Lewis et al. (US 5,422,751), Bejin (US 5,406,729), Ohgami et al. (US 5,689,400), and Erler et al. (US 5,706,168), taken alone or in

combination fails to teach or fairly suggest a display apparatus of a computer system, comprising: a housing having substantial portions being translucent, a frame supporting an LCD panel, and a cosmetic shield provided between said housing and said frame to mask said frame and said LCD panel from being visible through the substantial portions of said housing being translucent as set forth in claims 1-2, 4-30, 39-49, 81-102 and 109-119.

***Response to Arguments***

9. Applicant's arguments filed 25 August 2003, regarding claims 31, 33-34 and 103-105 have been fully considered but they are not persuasive. The reasons are clearly indicated in paragraphs 2-6 hereinabove.

***Conclusion***

10. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

***Correspondence***

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yean-Hsi Chang whose telephone number is (703) 306-5798. The examiner can normally be reached on 07:30-16:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Darren Schuberg can be reached on (703) 308-4815. The fax phone number for the organization where this application or proceeding is assigned is (703) 305-3431 for regular communications and for After Final communications. There are RightFAX numbers and provide the fax sender with an auto-reply fax verifying receipt by the USPTO: Before-Final (703-872-9318) and After-Final (703-872-9319).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-8558.

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Yean-Hsi Chang  
Patent Examiner  
Art Unit: 2835  
September 29, 2003

DARREN SCHUBERG  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2800